3GPP TSG-T (Terminals) Meeting #22
Maui, Hawaii, USA
10 - 12 December, 2003

TP-030297

Title:	T reply to various LS's on MMS as a Bearer for USAT

Source:	TSG-T
To:	SA, SA1, SA2, SA5, T2, T3
Cc:	EP SCP

Contact Person:
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Attachments: TP-030262

1. Overall Description:

TSG thank the various committees for the Liaison statements received at T#22, in particular from T3 (TP-030262, T3's document T3-030928).

The addressed committees are reminded that TSG T offered to act as the coordinating body for the discussion on the topic (see TP-030228). Further, TSG T note that there seems to be a clear preference from T3 for using the Bearer Independent Protocol (BIP) as the high bandwidth bearer for communication between the USAT and the appropriate network element, as was mentioned in the previous LS from TSG T plenary: see TP-030262 (attached), second use case. TSG T have endorsed this view.

TSG T understand that, as implied in the LS from T3, the work to start "push" using the BIP has started in the ETSI EP SCP group.

During the discussion of the MMS issue in TSG T, there were comments and concerns over the issue of charging, or conversely, not charging for the high-bandwidth data transfer. TSG T endorses the concept of non-chargeable delivery of data to and from the USAT where appropriate. Hence SA5 have been included as one of the addressed committees.

TSG T would like to remind the addressed groups that it is to be the focus point for coordination of the issue of a wide bandwidth communication channel to and from the USAT.

2. Actions:

ACTION: Note TSG T's role and endorsements as outlined in the body of this document, in the discussion of wide bandwidth communication to and from the USAT.

3. Date of Next 3GPP TSG-T Meetings:

TSG-T Meeting #23   10-12 March 2004   Phoenix, Arizona, USA.

3GPP TSG-T (Terminals) Meeting #22
Maui, Hawaii, USA
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TP-030262

3GPP TSG-T3 Meeting #29
Dallas, USA, 18-21 November 2003

Tdoc T3-030928

Title:	T3 reply to LS's on MMS as a Bearer for USAT

Source:	T3
To:	SA, SA1, SA2, T, T2
Cc:	

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Attachments:
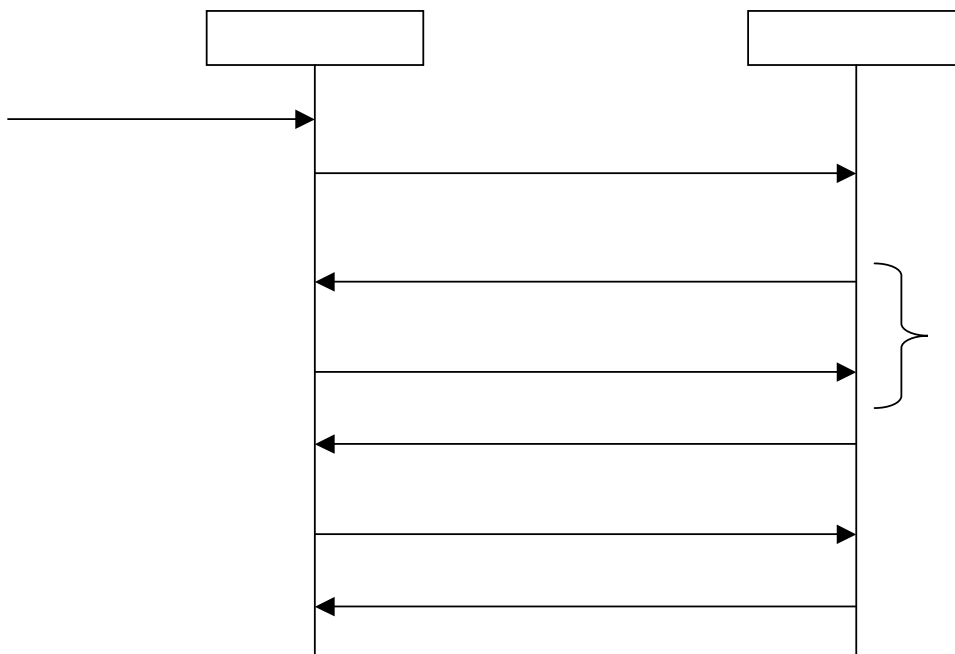
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1. Overall Description:

T3 thank SA1, SA2, T and T2 for the Liaison statements received at T3 #29.

To help clarify the issue, T3 discussed in detail the issues and requirements mentioned in the LS's and have defined some possible use cases and their properties to allow the actions to be attributed correctly.

Use Case 1 – Download of a block of data to the USIM as a Network initiated Data download

This use case is a download of a large block of data to the USIM that may be acknowledged by the USIM. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data download can be achieved with no user alerting or user interaction.

T3 suggest that a possible implementation for this service could be the addition of a new Mime type to the MMS specifications, that is 8 bit data to be sent to the USIM. This would also allow MMS's to interact with the USIM. A possible message flow follows:-

MMS acknowledge &
delivery reports

ACTION:- **SA1 to agree that this Use case is required and that the implementation is acceptable.**

T2 to create a new identifier 'USIM message' (if SA1 agreement).

T3 to add ability to setup a BIP channel from the Terminal (if SA1 agreement).

Use Case 2 – High Bandwidth Interactive communication between Network and USIM, Network initiated

This use case is a download of a large block of data to the USIM that may cause blocks of data to be returned to the network. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data interaction can be achieved with no user alerting or user interaction.

T3 suggest that the current GPRS BIP specifications allow this use case to be implemented as GPRS BIP with TCP/IP is in the USAT specification since Rel-99. T3 does however observe that there is currently no mechanism to open a channel from the network: however T3 is aware that there will be CRs submitted to the next EP SCP meeting.

ACTION:- **SA1 to agree that this Use case is required and that the implementation is acceptable.**

The following use cases are not related to MMS as a bearer, but are included for completeness.

Use Case 3 – High Bandwidth Interactive communication between Network and USIM, USIM initiated

This use case is the setup of a data channel from the USIM to the network that allows the USIM to send large blocks of data and may cause blocks of data to be returned from the network. The data will be 8 bit, encrypted data that is likely to be encoded as per TS 23.048. It is preferable that this Data interaction can be achieved with no user alerting or user interaction.

T3 suggest that the current GPRS BIP specifications allow this use case to be implemented as GPRS BIP with TCP/IP is in the USAT specification since Rel-99.

ACTION:- **No action required.**

Use Case 4 – Ability for USIM to send a MM to the Terminal

This use case allows the USIM to send a MM to the terminal as though it was retrieved from the network for display at the terminal. It was agreed that this shall not be done.

Use Case 5 – Storage of MM's on the USIM

This is the subject of a current WID and is included for completeness.

T3 believe that use case 2, the BIP mechanism, which will be available after the next SCP meeting in December, fulfils the requirements of SA1.

2. Actions:

ACTION: SA1 to consider the use cases outlined and to raise a work item to co-ordinate the addition of these features.

3. Date of Next 3GPP TSG-T WG3 Meetings:

TSG-T3 Meeting #30 10-13 February 2004 Sophia Antipolis, France.